

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Claire A. CaJacob *et al.*

Appl. No.: 09/233,218

Filed: January 20, 1999

For: **Nucleic Acid Molecules and Other
Molecules Associated with the
Tetrapyrrole Pathway**

Art Unit: 1601

Examiner: Y. Kim

Atty. Docket: 04983.0025.00US01/
38-21(15090)B



Response to Office Action dated August 30, 2000

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated August 30, 2000, having a statutory period for response expiring November 30, 2000, Applicants submit the following amendments and remarks.

IN THE CLAIMS

Please amend the claims as follows:

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1. (Amended) A substantially purified nucleic acid molecule that encodes a maize or soybean tetrapyrrole pathway enzyme or fragment thereof, wherein said maize or soybean tetrapyrrole pathway enzyme is [selected from the group consisting of:
- (a) putative chlorophyll synthetase enzyme;
 - (b) protochlorophyllide reductase enzyme;
 - (c) putative protochlorophyllide reductase enzyme;
 - (d) coproporphyrinogen oxidase enzyme;

B1
SUB
D3